SEQUENCE LISTING

<110	>	INTR	0														
<120	>	A no	vel :	HMGC	oA re	educ	tase	inh	ibit	or							
<130	>	FP22	62													· ·	
<160	>	18															
<170	>	Pate	ntIn	ver	sion	3.2											
<210: <211: <212: <213:	> >	1 335 DNA JCH2															
<220> <221> CDS <222> (22)(303)																	
<400: ggta			caaaa	aaaaq	gt t					caa Gln 5							51
ttc a																	99
cct t																	147
gaa t Glu 1																	195
tgt (Cys (cag Gln 60	caa Gln	ccc Pro	g¢t Ala	cct Pro	ttt Phe 65	gtg Val	aaa Lys	tta Leu	tgc Cys	aca Thr 70	tgc Cys	caa Gln	ggt Gly	att Ile		243
gat t Asp :																	291
aaa t Lys l					ccgaa	aag a	attt	gcati	ct at	caat	tgcta	a tt					335

<210>	2
<211>	94
<212>	PR

<213> JCH2

<400> 2

Met Val Lys Met Gln Val Ile Phe Ile Ala Phe Ile Ala Val Ile Ala 1 5 10 15

Cys Ser Met Val Tyr Gly Asp Ser Leu Ser Pro Trp Asn Glu Gly Asp

Thr Tyr Tyr Gly Cys Gln Arg Gln Thr Asp Glu Phe Cys Asn Lys Ile 35 40 45

Cys Lys Leu His Leu Ala Ser Gly Gly Ser Cys Gln Gln Pro Ala Pro 50 55 60

Phe Val Lys Leu Cys Thr Cys Gln Gly Ile Asp Tyr Asp Asn Ser Phe 65 70 75 80

Phe Phe Gly Ala Leu Glu Lys Gln Cys Pro Lys Leu Arg Glu 85 90

<210> 3

<211> 72

<212> PRT

<213> Deduced amino acid sequence of JCH2

<400> 3

Asp Ser Leu Ser Pro Trp Asn Glu Gly Asp Thr Tyr Tyr Gly Cys Gln 1 5 10 15

Arg Gln Thr Asp Glu Phe Cys Asn Lys Ile Cys Lys Leu His Leu Ala 20 25 30

Ser Gly Gly Ser Cys Gln Gln Pro Ala Pro Phe Val Lys Leu Cys Thr 35 40 45

Cys Gln Gly Ile Asp Tyr Asp Asn Ser Phe Phe Phe Gly Ala Leu Glu 50 55 60

Lys Gln Cys Pro Lys Leu Arg Glu 65 70

<210> 4

<211> 30

<212> PRT

<213> N-terminal sequence obtained from amino acid sequence of JCH2

<400> 4

Asp Ser Leu Ser Pro Trp Asn Glu Gly Asp Thr Tyr Tyr Gly Cys Gln

5 10 15

Arg Gln Thr Asp Glu Phe Cys Asn Lys Ile Cys Lys Leu His 20 25 30

<210> 5

<211> 14

<212> PRT

<213> Peptide 1 from RP-HPLC of JCH2 deduced amino acid sequence

<400> 5

Gln Pro Ala Pro Phe Val Lys Leu Cys Thr Cys Gln Gly Ile 1 5 10

<210> 6

<211> 19

<212> PRT

<213> Peptide 2 from RP-HPLC of JCH2 deduced amino acid sequence

<400> 6

Lys Leu His Leu Ala Ser Gly Gly Ser Cys Gln Gln Pro Ala Pro Phe 1 5 10 15

Val Lys Leu

<210> 7

<211>, 22

<212> PRT

<213> Peptide 3 from RP-HPLC of JCH2 deduced amino acid sequence

<400> 7

Pro Ala Pro Phe Val Lys Leu Cys Thr Cys Gln Gly Ile Asp Tyr Asp 1 5 10 15

Asn Ser Phe Phe Phe Gly

<210> 8

<211> 20

<212> PRT

<213> Peptide 4 from RP-HPLC of JCH2 deduced amino acid sequence

<210> 10 <211> 14 <212> PRT <213> Peptide 6 from RP-HPLC of JCH2 deduced amino acid sequence <400> 10

Asp Ser Leu Ser Pro Trp Asn Glu Gly Asp Thr Tyr Tyr Gly
1 10

<210> 11 <211> 15 <212> PRT

<213> Peptide 7 from RP-HPLC of JCH2 deduced amino acid sequence

<400> 11

Leu Ser Pro Trp Asn Glu Gly Asp Thr Tyr Tyr Gly Cys Gln Arg
1 5 10 15

<210> 12 <211> 7

<212> PRT

<213> Peptide 8 from RP-HPLC of JCH2 deduced amino acid sequence

<400> 12

Ser Pro Trp Asn Glu Gly Asp 1 5

```
<210> 13
 <211> 6
 <212> PRT
 <213> Peptide 9 from RP-HPLC of JCH2 deduced amino acid sequence
<400> 13
Gly Asp Thr Tyr Tyr Gly
                5
<210> 14
<211> 23
<212> DNA
<213> Artificial Sequence
<220>
<223> Gene specific primer forward 1
<220>
<221> misc_feature
<222> (3)..(3)
<223> y is t or c
<220>
<221> misc_feature
<222> (6)..(6)
<223> y is t or c
<220>
<221> misc_feature
<222> (9)..(9)
<223> n is a, c, g, or t
<220>
<221> misc feature
<222> (12)..(12)
<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (15) ... (15)
<223> y is t or c
<220>
<221> misc_feature
<222>
      (21)..(21)
<223> y is t or c
<400> 14
gayagyctnt cnccytggaa yga
```

23

<210> 15 <211> 22

PCT/SG2004/000168

6

	Dira.	•
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Universal adaptor primer as reverse primer, AP1	
<400>	15	
		22
graara	cgac tcactatagg gc	22
<210>	16	
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
	Gara angulai anguang nyimoy	
<223>	Gene specific reverse primer	
<400>	16	
attccaa	aggg gaaagactat c	21
•		
<210>	17	
<211>		
<212>		
<213>	Artificial Sequence	
<220>		
<223>	Gene specific forward primer	
	·	
<400>	17	
	tttc taaaaaagt tatg	24
390000		
.010-	10	
<210>		
<211>		
<212>		
<213>	Artificial Sequence	
· <220>		
	Gene specific reverse primer	
-100-	18	
<400>		-24
aatagca	attg attaaatgca aatc	24